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A SYSTEMATIC LIST OF THE FOSSIL MARGINELLIDÆ.

IN the List of recent Marginellidæ published last year I ventured to hope that I might have time eventually to catalogue the fossil species as well. This necessary complement I am now able to bring forward, arranged on precisely similar lines and with similar limitations. It contains 350 names, but probably a number of omissions will be detected from time to time, since I find the Zoological Record so much less complete an index to fossil forms. In the case of papers which appeared in serials the separate titles have frequently been added in brackets when the paper is an important or comprehensive one. The geological formation is quoted as given by the author in his original description.

It only remains for me to express my thanks for renewed assistance to the friends who helped me before, and to add the names of C. D. Sherborn, A. Reynell, K. Martin, and M. Cossmann, to whom I am equally indebted.

- ABNORMIS, Morlet (*Marginella*), April 1, 1888. Journ. de Conch., xxxvi, 216, pl. x, f. 5, 5a, b. *Loc.*—Crènes and La Tuilerie (Eoc. Sup.). *Type.*—Coll. Morlet (from Crènes).
- ACUTANGULA, Deshayes (*Marginella*), Dec. 15, 1865. Descr. Anim. s. Vert. Bassin Paris, iii, 551, pl. 104, f. 24-6. *Loc.*—Les Groux and Parnes (Calc. Gross.). *Type.*—Coll. Deshayes.
- ACUTISPIRA, Cossmann (*Marginella*), 1889. Ann. Soc. Roy. Malac. Belg., xxiv, 206, pl. vii, f. 12 (Cat. Ill. Coq. Foss. Eoc. Environs Paris). *Loc.*—La Ferme de l'Orme (Eoc. Moy., Eoc. Sup.). *Type.*—Coll. Bezançon. Var. *subconca*, Cossmann, l.c., f. 13. *Loc.*—Chaussy. *Type.*—Coll. Cossmann.
- acutiusecula*, Sowerby (*Volvaria*), 1822. Genera Rec. and Foss. Shells, pt. v, pl. 257, f. 3. *Loc.*—Hordwell (London Clay). *Type.*—Coll. Sowerby in Brit. Mus. Not a Marginellid.
- acyensis*, Cossmann (var.), 1889. See BIFIDOPPLICATA, Edwards.
- ÆSTUARINA, Edwards (*Marginella*), Dec. 1, 1865. Geol. Mag., ii, no. 12, 541, pl. xiv, f. 7a-c. *Loc.*—Headon Hill and Roydon. *Type.*—Coll. Edwards in Brit. Mus. This species was originally included in PUSILLA, Edwards.
- AFFINIS, Sacco (*Marginella* (*Glabella*)), 1890. Mem. R. Accad. Sci. Torino, ser. II, xl, 316, pl. ii, f. 6 (Moll. Terr. Terz. Piemonte e Liguria, pt. 6). *Loc.*—Colli Torinesi (Mioc. Med.). *Type.*—Mus. Geol., Torino.
- AGLAJA, Semper (*Marginella*), 1861. Paläont. Untersuch., no. 13, p. 231 (from Archiv Ver. Freunde Naturg. Mecklenburg, 1861).
New name for *eburnea*, Brongn., non Lam.
- albidolineata*, Sacco (var.), Aug. 1904. See ELONGATA, B. & M.
- ALDINGÆ, Tate (*Marginella*), 1878. Trans. Phil. Soc. Adelaide for

- 1877-8, p. 90 (Foss. Marg. Australia). *Loc.*—Blanche Point, Aldinga, S.A. (Eoc. Maris).
- americana*, Conrad (*Marginella*), 1861. Foss. Med. Tert. U.S., no. 4, p. 86 (name only without description), pl. xlix, f. 12. *Type.*—
 \ Lost. = COLUMBA, I. Lea, *vide* Dall, in Trans. Wagner Free Inst. Sci. Philad., iii, 56.
- AMANTULA, Dall (*Marginella (Volutella)*), Aug. 1890. Trans. Wagner Free Inst. Sci. Philad., iii, pt. 1, 55, pl. v, f. 9 (Contrib. Tert. Fauna Florida). *Loc.*—Caloosahatchie marl, Florida (Plioc.). *Type.*—U.S. Nat. Mus.
- AMINA, Dall (*Marginella*), Dec. 30, 1896. Proc. U.S. Nat. Mus., xix, 309, pl. xxix, f. 15 (Descr. Tert. Foss. Antill. Reg.). *Loc.*—Potrero, Rio Amina, Santo Domingo (Oligoc.). *Type.*—U.S. Nat. Mus.
- AMPHICOMUS, Fuchs (*Marginella*), 1869. Denkschr. k. Akad. Wissensch. Wien, xxx, 184, pl. x, f. 28, 29 (Beitrag Kenntn. Conch.-Fauna Vicent. Tertiärgeb.). *Loc.*—Sangonini (Tongrian).
- AMPHORA, Oppenheim (*Marginella (Closia)*), 1896. Zeitschr. Deutsch. geol. Gesell., xlviii, Heft 1, 76, pl. iii, f. 7 (Alt Tert. Colli Berici Venet.). *Loc.*—Zovencedo (Eoc.).
- AMPULLA, Deshayes (*Marginella*), 1835. Descr. Coq. Foss. Environs Paris, ii, 711, pl. xcv, f. 17-19. *Loc.*—Valmondois. *Type.*—“Mon cabinet.” Deshayes subsequently referred this species to *Erato*, but Cossmann considers it a *Marginella*.
- anatina*, I. Lea (*Marginella*), Nov. 1833. Contrib. Geol., p. 176, pl. vi, f. 186. *Loc.*—Claiborne, Ala. (Tert.). = CRASSILABRA, Conrad.
- ANGUSTIFORIS, Rothpletz & Simonelli (*Marginella*), 1891. Zeitschr. Deutsch. geol. Gesell., xlii, Heft 4, 718, pl. xxxvi, f. 5, 5a (Marin. Ablag. Gran Canaria). *Loc.*—La Vista Süd, Gr. Canary.
- ANGYSTOMA, Deshayes (*Marginella*), 1835. Descr. Coq. Foss. Environs Paris, ii, 710, pl. xcv, f. 23-5. *Loc.*—Parnes, Grignon, and Mouchy. *Type.*—“Mon cabinet.”
- ANTIQUA, Redfield (*Marginella*), June, 1852. Ann. Lyc. Nat. Hist. New York, v, 226. *Loc.*—Petersburg, Virginia (Mioc.). *Type.*—Coll. Redfield in Acad. Nat. Sci. Philad. (no. 2518).
- arctata*, Deshayes (*Marginella*), Dec. 15, 1865. Descr. Anim. s. Vert. Bassin Paris, iii, 549, pl. civ, f. 33-5. *Loc.*—Chambors (Calc. Grossier). *Type.*—Coll. Deshayes. = DENTIFERA, Lam., *vide* Cossmann in Ann. Soc. Roy. Malac. Belg., xxiv, 201.
- ARCUATA, Guppy (*Marginella (Persicula)*), Dec. 30, 1896. Proc. U.S. Nat. Mus., xix, 308, pl. xxix, f. 13 (Descr. Tert. Foss. Antill. Reg.). *Loc.*—Pointapier, Trinidad (Tert.). *Type.*—U.S. Nat. Mus., no. 107141.
- auris-leporis*, DeFrance (*Marginella*), ex Brocchi (*Voluta*). Quoted by DeFrance, Dict. Sci. Nat., xxix, 146 (1823), from Brocchi's Conch. Foss. Subapenn., ii, 320, pl. iv, f. 11a, b (1814). Not a Marginellid.
- auris-leporis*, Hoernes (*Marginella*), 1853. Jahrb. geol. Reichs-Anst., 1853, p. 190. *Loc.*—Otttnang (Tert.). = STURI, Hoernes.
- AURORA, Dall (*Marginella*), Aug. 1890. Trans. Wagner Free Inst.

- Sci. Philad., iii, pt. 1, 51, pl. vi, f. 4a (Contrib. Tert. Fauna Florida). *Loc.*—Miocene beds of the Chipola River, Florida. *Type.*—U.S. Nat. Mus.
- avena*, Michelotti (*Marginella*), 1847. Naturk. Verhand. Holl. Maatsch. Wet. Haarlem, Verzam. ii, Deel 3, Stuk 2, 323 (Descr. Foss. Terr. Mioc. Ital. Septentr.). *Loc.*—Tortona. *Types.*—Mus. Soc. Holl.; "mon cabinet." Generally identified with *OBLONGATA*, Redf.; queried by Sacco as perhaps = his *IRIÆ* (q.v. for reference).
- BALLISTA, Dall (*Marginella*), Aug. 1890. Trans. Wagner Free Inst. Sci. Philad., iii, pt. 1, 47, pl. iv, f. 6 (Contrib. Tert. Fauna Florida). *Loc.*—Tampa silex beds at Ballast Point, Florida (Oligoc.). *Type.*—U.S. Nat. Mus., no. 112906.
- BARRANDEI, Hoernes & Auinger (*Eratopsis*), Dec. 31, 1880. Gasterop. Meeres-Ab lager. Mioc. Med.-Stufe, Lief. ii, 64, pl. viii, f. 8-10. *Loc.*—Niederleis. Cf. *planulosa*, Sism.
- barreti*, Morlet (*Marginella*), April 1, 1888. Journ. de Conch., xxxvi, 215, pl. x, f. 6, 6a (not 4, 4a). *Loc.*—Le Ruel, La Tuilerie, Crènes (Eoc. Sup.). *Type.*—Coll. Morlet (La Tuilerie). = *PUSILLA*, Edwards, *fide* Cossmann in Ann. Soc. Roy. Malac. Belg., xxiv, 205.
- BEBERKIRIANA, K. Martin (*Marginella*), 1906. Samml. geol. Reichs-Mns. Leiden, n. ser., i, Heft 10, 300, pl. xliii, f. 714 (Foss. von Java). *Loc.*—Tji Beber Kiri (Tert.). *Type.*—Rijks Geol.-Mineral. Mus., Leiden.
- BELLA, Conrad (*Prunum*), Oct. 1, 1868. Amer. Journ. Conch., iv, 67, pl. vi, f. 4. *Loc.*—Day's Point, James River, Va. (Mioc.). *Types.*—Acad. Nat. Sci. Philad. (8), no. 2513. This species also occurs in a recent condition (cf. Proc. Malac. Soc. Lond., xii, 253). As *Porcellana bella*, Conrad, the name is found as a *nomen nudum* in Proc. Acad. Nat. Sci. Philad., 1862, p. 564. Var. *bellula*, Dall, Aug. 1890. Trans. Wagner Free Inst. Sci. Philad., iii, pt. 1, 53, pl. iv, f. 8e. *Loc.*—Florida (Plioc.). *Type.*—U.S. Nat. Mus., no. 165053. Var. *inepta*, Dall, Aug. 1890. l.c., f. 8d. *Loc.*—Florida (Plioc.). *Type.*—U.S. Nat. Mus., no. 112101.
- BELLARDIANA, Semper (*Marginella*), 1861. Paläont. Untersuch., no. 13, p. 229 (from Archiv Ver. Freunde Naturg. Mecklenburg, 1861). *Loc.*—Orciano (Mioc.) and Coroncina (Plioc.), both in Tuscany.
- bellula*, Dall (var.), Aug. 1890. See BELLA, Conrad.
- benestarensis*, Seguenza (*Marginella*), 1880. Atti R. Accad. Lincei, ser. III, vi (Memorie), 101, pl. xi, f. 2, 2a (Formaz. Terz. Prov. Reggio). *Loc.*—Benestare. = *EMARGINATA*, SISM. (*marginata*, Mich.), *fide* Sacco in Mem. R. Accad. Sci. Torino, ser. II, xl, 319 (as *benasterensis*).
- beyrichi*, Deshayes (*Marginella*), Dec. 15, 1865. Descr. Anim. s. Vert. Bassin Paris, iii, 546. New name for *eburnea*, Beyrich, non Lam. = *INTUMESCENTS*, Koenen.
- BEYRICHII, Semper (*Marginella*), 1861. Paläont. Untersuch., no. 13, p. 232 (from Archiv Ver. Freunde Naturg. Mecklenburg, 1861).

- Loc.*—"Verschwemmt in Diluvium von Mölln; ?Holsteiner Gestein."
- BEZANCONI, Cossmann & Lambert (*Marginella*), 1884. *Mém. Soc. Géol. France*, sér. III, iii, no. 1, 180, pl. iii, f. 2a, b (Étude Terr. Oligoc. Étampes). *Loc.*—Pierrefitte. *Types.*—Coll. Lambert; Coll. Cossmann.
- BIDENS, Koenen (*Marginella*), March, 1890. *Abhandl. geol. Specialkarte Preussen u. Thüring. Staaten*, x, Heft 2, Lief. ii, 553, pl. xxxviii, f. 11a-c (Norddeutsch. Unter-oligoc. Moll. Fauna). *Loc.*—Unseburg, etc., N. Germany (Unter-oligoc.).
- BIFIDPLICATA, Edwards, ex Charlesworth MS. (*Marginella*), 1854. *Monogr. Eoc. Moll. (Palæont. Soc.)*, pt. iii, p. 139, pl. xviii, f. 2a-g. *Loc.*—Highcliff sands; Barton beds; Alum Bay; Bracklesham Bay. *Type.*—Coll. Edwards in Brit. Mus. Var. *acyensis*, Cossmann, 1889. *Ann. Soc. Roy. Malac. Belg.*, xxiv, 202 (Cat. Illustr. Coq. Foss. Eoc. Env. Paris). *Loc.*—Acy. *Type.*—Coll. Cossmann.
- biplicata*, I. Lea (*Marginella*), Nov. 1833. *Contrib. Geol.*, 201, pl. vi, f. 216. *Loc.*—Claiborne, Alabama (Tert.). Is a *Ringicula*.
- BONNETI, Cossmann (*Marginella*), April, 1899. *Essais Paléococonch. Compar.*, iii, 87, pl. iii, f. 27, 28. *Loc.*—Karikal (Plioc.). *Type.*—Coll. Bonnet.
- BORSONI, Sacco, ex Bellardi MS. (*Marginella (Glabella)*), 1890. *Mem. R. Accad. Sci. Torino*, ser. II, xl, 314, pl. ii, f. 2 (Moll. Terr. Terz. Piemonte e Liguria, pt. 6). *Loc.*—Colli Torinesi (Mioc. Med.). *Type.*—Coll. Mus. Torino. Var. *crebrelineata*, Sacco, Aug. 1904. *Moll. Terr. Terz. Piemonte e Liguria*, pt. 30, p. 91, pl. xix, f. 36. *Loc.*—Colli Torinesi. *Type.*—Coll. Mus. Torino. This is Sacco's var. A of 1890.
- BOURDOTI, Cossmann (*Marginella*), Dec. 31, 1896. *Bull. Soc. Sci. Nat. Ouest France*, sér. I, vi, 221, pl. vii, f. 26-8 (Moll. Eoc. Loire-Infé). *Loc.*—Bois Gonët (Eoc.). *Type.*—Coll. Bourdot.
- BOURYI, Cossmann (*Marginella*), 1889. *Ann. Soc. Roy. Malac. Belg.*, xxiv, 203, pl. vii, f. 19 (Cat. Illustr. Coq. Foss. Eoc. Env. Paris). *Loc.*—Middle Eocene at Neauphlette (type loc.), Chambors and Réquiécourt. *Type.*—Coll. de Boury.
- BREVIS, Koenen (*Marginella*), March, 1890. *Abhandl. geol. Specialkarte Preussen u. Thüring. Staaten*, x, Heft 2, Lief. ii, 556, pl. xxxviii, f. 18-20 (Norddeutsch. Unter-oligoc. Moll. Fauna). *Loc.*—Lattori, etc., N. Germany (Unter-oligoc.).
- brevis*, Sacco, ex Bellardi MS. (*Marginella (Persicula)*), 1890. *Mem. R. Accad. Sci. Torino*, ser. II, xl, 321, pl. ii, f. 16 (Moll. Terr. Terz. Piemonte e Liguria, pt. 6). *Loc.*—Colli Tortonesi, Stazzano (Mioc. Sup.). *Type.*—Coll. Mus. Geol., Torino. The above volume has a printer's date of Oct. 15, 1890, on the fourth page of cover, and the date of receipt at the Nat. Hist. Mus. was Dec. 5, 1890. = MICROGLAPHYRA, Tomlin.
- BREVISPIRA, Sacco, ex Bellardi MS. (*Marginella (Glabella)*), 1890. *Mem. R. Accad. Sci. Torino*, ser. II, xl, 317, pl. ii, f. 8 (Moll. Terr. Terz. Piemonte e Liguria, pt. 6). *Loc.*—Colli Torinesi (Mioc. Med.). *Type.*—Coll. Rovasenda.

- brevispira*, Oppenheim (*Marginella* (*Volvarina*)), Oct. 1906. Palæontographica, xxx, Abt. 3, Lief. ii, 334, pl. xxv, f. 3, 4 (Zur Kenntniss alttert. Faunen Ægypt.). *Loc.*—Mokattam (Ob. Mokattam - Stufe). *Type.*—Berlin Samml. = *TROCHISCUS*, Tomlin.
- brongniarti*, Deshayes (*Marginella*), Dec. 15, 1865. Deser. Anim. s. Vert. Bassin Paris, iii, 546. New name for *eburnea*, Brongn., non Lam. = *AGLAJA*, Semper.
- brunneozonata*, Sacco (var.), Aug. 1904. See *EMARGINATA*, Sism.
- bulloides*, Lamarck (*Volvaria*), Sept. 1804. Ann. Mus. Hist. Nat. Paris, v, 29. *Loc.*—Grignon. *Type.*—"Mon cabinet." Not a Marginellid.
- CALHOUNENSIS, Maury (*Persicula*), March 1, 1910. Bull. Amer. Paleont., iv, no. 21, p. 134 (16), pl. iv, f. 5 (New Oligoc. Sh. Florida). *Loc.*—Bailey's Ferry, Florida (Chipola Oligoc.). *Type.*—Coll. Cornell University.
- cancellata*, Du Bois de Montpéreux (*Marginella*), 1831. Conch. Foss. et Aperçu Géogn. Form. Plat. Wolhyn.-Podolien, p. 24, pl. i, f. 17, 18. *Loc.*—Sable de Szuskowce (Tert.). *Type.*—Coll. Du Bois. The author queries the identity of his species with *M. costata*, Eichwald, and Orbigny (Prodr. de Paléont. Stratigr., iii, 37) confirms this synonymy. The species is a *Ringicula*.
- CASSIDIFORMIS, Tate (*Marginella*), 1878. Trans. Phil. Soc. Adelaide, S. Australia, for 1877-8, p. 91 (Foss. Marg. Australia). *Loc.*—Muddy Creek, near Hamilton, Victoria (Mioc.).
- CENCHRIDIUM, Cossmann (*Marginella*), Dec. 31, 1896. Bull. Soc. Sci. Nat. Ouest France, sér. 1, vi, 230, pl. vii, f. 16-18 (Moll. Eoc. Loire-Inf^e). *Loc.*—Bois Gouët (Eoc.). *Type.*—Coll. Cossmann.
- CHASTAINGI, Cossmann (*Marginella*), 1889. Ann. Soc. Roy. Malac. Belg., xxiv, 200, pl. vi, f. 20-1 (Cat. Illustr. Coq. Foss. Eoc. Env. Paris). New name for *ventricosa*, Cossmann, non G. Fischer.
- CHEVALLIERI, Cossmann (*Marginella*), 1889. Ann. Soc. Roy. Malac. Belg., xxiv, 208, pl. vii, f. 17 (Cat. Illustr. Coq. Foss. Eoc. Env. Paris). *Loc.*—Parnes (Eoc. Moy.). *Type.*—Coll. Chevallier.
- CHIPOLANA, Maury (*Marginella*), March 1, 1910. Bull. Amer. Paleont., iv, no. 21, p. 133 (15), pl. iv, f. 2 (New Oligoc. Sh. Florida). *Loc.*—Chipola marls, Bailey's Ferry, Florida (Oligoc.). *Type.*—Coll. Cornell University.
- CINERACEA, Dall (*Marginella*), May 27, 1889. A recent species, for which see these Proceedings, xii, 259. Var. *quadriplicata*, Böse, 1906. Bol. Inst. Geol. Mexico, no. 22, p. 42, pl. v, f. 1, 2 (Algun. Faun. Tert. Mexico). *Loc.*—Tuxtepec (Plioc.). This name is preoccupied by Risso (see these Proceedings, xii, 294), and I propose instead the name var. *tetraptlycta*.
- coarctata*, Tenison-Woods (*Mitra*), 1880. Proc. Linn. Soc. New S. Wales, iv, 8, pl. ii, f. 10. *Loc.*—Muddy Creek, Victoria (Tert., probably Mioc.). = (*Marginella*) *WINTERI*, Tate, *vide* Tate in Trans. Roy. Soc. South Australia, xi, 136.
- COLUMBA, I. Lea (*Marginella*), Nov. 1833. Contrib. Geol., p. 177, pl. vi, f. 187. *Loc.*—Claiborne, Alabama (Tert.). ✓

- columbellina*, Deshayes (*Marginella*), Dec. 15, 1865. Descr. Anim. s. Vert. Bassin Paris, iii, 552. Quoted by Deshayes as a manuscript name in his own collection which he had intended to publish, and as synonymous with BIFIDOPPLICATA, Edw. Cossmann (Ann. Soc. Roy. Malac. Belg., xxiv, 202) gives it as a variety of Edwards' species.
- compresselabiata*, Sacco (var.), Aug. 1904. See LONGA, Sacco.
- concinna*, Sowerby (*Volvaria*), 1822. Genera, pt. 5, pl. cclvii, f. 2. *Loc.*—Neighbourhood of Paris. Not a Marginellid; cf. Deshayes in Descr. Coq. Foss. Env. Paris, ii, 713.
- CONDENSATA, COSSMANN (*Marginella*), March 31, 1902. Bull. Soc. Sci. Nat. Ouest France, sér. II, ii, 125, pl. xi (xvi), f. 16 (Moll. Eoc. Loire-Inf^e). *Loc.*—Coislin (Eoc.). *Type.*—Coll. Dumas.
- CONFINIS, IHERING (*Marginella*), 1897. Rev. Mus. Paulista, ii, 307, pl. iii, f. 8 (Moll. Terr. Terc. Patagonia). *Loc.*—La Cueva, Patagonia (Tert.). *Type.*—Mus. S. Paulo, Brazil.
- CONICA, G. F. HARRIS (*Marginella* (*Glabella*)), 1897. Cat. Tert. Moll. Brit. Mus., pt. i (Australasian Tert. Moll.), p. 88, pl. iv, f. 7a, b. *Loc.*—Parimoa, N.Z. (Mioc.). *Type.*—Coll. Mantell in Brit. Mus.
- coniformis*, Sowerby (*Marginella*), 1850. Quart. Journ. Geol. Soc., vi, pt. 1, 45, figd. xxii, 288, pl. xvii, f. 2. *Loc.*—San Domingo (Tert.). = LONGIVARICOSA, Lam., *vide* Dall in Trans. Wagner Free Inst. Sci. Philad., iii, pt. 1, 56. A small race is recorded from the Gatun formation, Panama, by Brown and Pilsbry, Proc. Acad. Nat. Sci. Philad., lxiii, pt. 2, 348, pl. xxiv, f. 12.
- CONOIDEA, SACCO, ex Bellardi MS. (*Marginella* (*Persicula*)), 1890. Mem. R. Accad. Sci. Torino, ser. II, xl, 321, pl. ii, f. 17 (Moll. Terr. Terz. Piemonte e Liguria, pt. 6). *Loc.*—Tetti Borelli, near Castelnuovo d'Asti (Mioc. Sup.). *Type.*—Coll. Rovala.
- CONOIDES, KOENEN (*Marginella*), March, 1890. Abhandl. geol. Specialkarte Preussen u. Thüring. Staaten, x, Heft 2, Lief. ii, 554, pl. xxxviii, f. 10a-c (Norddeutsch. Unter-oligoc. Moll. Fauna). *Loc.*—Wolmirsleben (Unter-oligoc.).
- CONSTRUCTA, CONRAD (*Marginella*), March 1, 1835. Foss. Shells Tert. Form. N. America, 2nd ed., i, no. 3, p. 46, pl. xvi, f. 15. *Loc.*—Claiborne, Alabama (Tert.).
- constricta*, EMMONS (*Marginella*), 1858. Rept. N. Carolina Geol. Surv., p. 261, f. 135. *Loc.*—Miocene marl of N. Carolina. = CONTRACTA, CONRAD.
- CONSTRICOIDES, MEYER & ALDRICH (*Marginella*), July, 1886. Journ. Cincinnati Soc. Nat. Hist., ix, no. 2, 44 (108), pl. ii, f. 10 (Tert. Fauna Newton and Wautubbee, Miss.). *Loc.*—Newton, Miss.
- CONTABULATA, DESHAYES (*Marginella*), Dec. 15, 1865. Descr. Anim. s. Vert. Bassin Paris, iii, 551, pl. civ, f. 30-2. *Loc.*—Grignon, etc. (Calc. Grossier). *Type.*—Coll. Deshayes.
- CONTRACTA, CONRAD (*Marginella*), Oct. 6, 1870. Amer. Journ. Conch., vi, 262. New name for *constricta*, Emmons, *non* Conrad.
- conulata*, SISMONDA (*Marginella*), 1842. Syn. Meth. Anim. Invert. Pedemont. Foss., p. 42. *Loc.*—Tertona ("Dert."). A *nomen*

- nudum*, quoted erroneously as of Lamarek. = OBLONGATA, Sacco, *vide* Sacco.
- conulus*, H. C. Lea (*Marginella*), 1846. Trans. Amer. Phil. Soc., n. ser., ix, pt. ii, 273, pl. xxxvii, f. 102. *Loc.*—Petersburg, Virginia (Tert.). = LAVALLEANA, Orb., *vide* Dall in Trans. Wagner Free Inst. Sci. Philad., iii, pt. i, p. 56. See *conulus*, H. C. Lea.
- CORDIFORMIS, Böse (*Marginella*), 1906. Bol. Inst. Geol. Mexico, no. 22, p. 44, pl. v, f. 7, 8 (Algun. Fauna Terc. Mexico). *Loc.*—Tuxtepec (Plioc.).
- CORNELIANA, Maury (*Marginella*), March 1, 1910. Bull. Amer. Paleont., iv, no. 21, p. 133 (15), pl. iv, f. 3 (New Oligoc. Sh. Florida). *Loc.*—Chipola marls, Bailey's Ferry, Florida (Oligoc.). *Type.*—Coll. Cornell University.
- cornulus*, H. C. Lea (*Marginella*), Sept. 1843. Proc. Amer. Phil. Soc., iii, 165. Error for *conulus*, H. C. Lea. A *nomen nudum* in this reference.
- COSSMANNI, Morlet (*Marginella*), April 1, 1888. Journ. de Conch., xxxvi, 214, pl. x, f. 4, 4a, not 6, 6a. *Loc.*—Crènes (Eoc. Moy.); Le Ruel (Eoc. Sup.). *Type.*—Coll. Morlet (Crènes).
- costata*, Eichwald (*Marginella*), 1830. Naturh. Skizze von Lithauen, Volhynien, und Podolien, p. 221. *Loc.*—Shukowze (Muschel-sande). Is a *Ringicula*, *vide* Orbigny in Prodrôme Paléont. Stratigr., iii, 37.
- crassa*, Dujardin (*Volvaria*), 1837. Mém. Soc. Géol. France, ii, 232, pl. xvii, f. 10. *Loc.*—Touraine (Craie). Not a Marginellid.
- CRASSILABRA, Conrad (*Marginella*), Aug. (or Sept.) 1833. Foss. Shells Tert. Form. N. America, 1st ed., i, no. 3, p. 33 [pl. xvii, f. 8, but plates never published]. *Loc.*—Claiborne, Alabama. *Type.*—Cabinet Acad. Nat. Sci. Philad. Figured in the 2nd ed., pl. xvi, f. 13. ✓
- crassilabra*, I. Lea (*Marginella*), Nov. 1833. Contrib. Geol., p. 177, pl. vi, f. 188. *Loc.*—Claiborne, Alabama (Tert.). = HUMEROSA, Conrad. ✓
- crassilabris*, Petit, ex Conrad (*Marginella*), 1851. Journ. de Conch., ii, 59. Error for CRASSILABRA, Conrad.
- CRASSULA, Deshayes (*Marginella*), Dec. 15, 1865. Descr. Anim. s. Vert. Bassin Paris, iii, 547, pl. civ, f. 9–11. *Loc.*—Chaumont, etc. (Calc. Grossier). *Type.*—Coll. Deshayes.
- crebrelinéata*, Sacco (var.), Aug. 1904. See BORSONI, Sacco.
- CRENULATA, Deshayes (*Marginella*), Dec. 15, 1865. Descr. Anim. s. Vert. Bassin Paris, iii, 550, pl. civ, f. 18–20. *Loc.*—Houdan (Calc. Grossier). *Type.*—Coll. Deshayes.
- cretacea*, Binkhorst (*Volvaria*), 1861. Monog. Gastérop. et Céphalop. Craie Sup. Limbourg, p. 74, pl. va, 3 (*sic*), f. 3a, b. *Loc.*—Limbourg (Cretaceous). Apparently not a Marginellid.
- cuneata*, Doderlein (*Marginella*), 1862. Cenni Geol. Giac. Terr. Mioc. Sup. Ital. Centr., p. 24. *Loc.*—Monte Gibio. A *nomen nudum*.
- CUNEATA, Cossmann (*Cryptospira* (*Gibberula*)), 1903. Journ. de

- Conch., li, 121, pl. iv, f. 9, 10. *Loc.*—Karikal, Inde Française (Plioc.). *Type.*—Coll. Cossmann.
- cylindracea*, Deshayes (*Marginella*), Dec. 15, 1865. *Descr. Anim. s. Vert.* Bassin Paris, iii, 549, pl. civ, f. 21-3. *Loc.*—Le Fayel (Sables Moyens). *Type.*—Coll. Deshayes. = *PARISIENSIS*, Tomlin.
- cypræola*, Basterot (*Marginella*), 1825. *Mém. Soc. Hist. Nat. Paris*, ii, pt. i, 44. *Loc.*—Le Plaisantin, Touraine, Dax. = *Erato subcypræola*, Orb.
- DACRIA, Dall (*Marginella (Volutella)*), Dec. 1892. *Trans. Wagner Free Inst. Sci. Philad.*, iii, pt. ii, 226, pl. xiv, f. 5 (Tert. Moll. Florida). *Loc.*—N. and S. Carolina (Plioc.). *Type.*—U.S. Nat. Mus.
- DACTYLUS, Lamarck (*Marginella*), Aug. 1822. A recent species for which see these Proceedings, xii, 262. *Var. inflata*, K. Martin, 1895. *Foss. Java*, p. 72. *Loc.*—Mouth of the Tji Djadjar in Cheriban, Java. *Type.*—Rijks Geol. - Mineral. Mus. Leiden. *Var. minor*, K. Martin, 1895, op. cit., p. 70, pl. x, f. 156-60. *Loc.*—Java. *Type.*—As above.
- DALLI, Böse (*Marginella*), 1906. *Bol. Inst. Geol. Mexico*, no. 22, p. 43, pl. v, f. 3-6 (Algun. Faun. Terc. Mexico). *Loc.*—Tuxtepec (Plioc.).
- DALLIANA, Maury (*Marginella*), Nov. 22, 1912. *Journ. Acad. Nat. Sci. Philad.*, ser. II, xv, 67, pl. x, f. 5, 6 (Contrib. Paleont. Trinidad). *Loc.*—Trinidad (Upper Oligoc.). *Type.*—Coll. Cornell University.
- DAUTZENBERGI, Cossmann (*Marginella*), Dec. 31, 1896. *Bull. Soc. Sci. Nat. Ouest France*, sér. I, vi, 231, pl. vii, f. 13-15 (Moll. Eoc. Loire Inf^e). *Loc.*—Bois Gouët (Eoc.). *Type.*—Coll. Dautzenberg.
- DECIPIENS, Sacco, ex Bellardi MS. (*Marginella (Persicula)*), 1890. *Mem. R. Accad. Sci. Torino*, ser. II, xl, 321, pl. ii, f. 18 (Moll. Terr. Terz. Piemonte e Liguria, pt. 6). *Loc.*—Colli Tortonesi (Mioc. Sup.). *Types.*—Coll. Michelotti and Coll. Doderlein.
- DEGENSIS, Sacco, ex Bellardi MS. (*Marginella (Glabella)*), 1890. *Mem. R. Accad. Sci. Torino*, ser. II, xl, 313, pl. ii, f. 1 (Moll. Terr. Terz. Piemonte e Liguria, pt. 6). *Loc.*—Dego (Mioc. Inf.). *Type.*—Coll. Michelotti in Geol. Mus., Roma.
- DENTICULATOIDES, Maury (*Marginella*), March 1, 1910. *Bull. Amer. Paleont.*, iv, no. 21, p. 134 (16), pt. iv, f. 4 (New Oligoc. Sh. Florida). *Loc.*—Oak Grove, Florida. *Type.*—Coll. Aldrich.
- DENTIFERA, Lamarck (*Marginella*), May, 1803. *Ann. Mus. Hist. Nat. Paris*, ii, 61. *Loc.*—Grignon. *Type.*—Cab. C. Defrance.
- depresselabiata*, Sacco (var.), Aug. 1904. See TAURINENSIS, Mich.
- DESHAYESI, Michelotti (*Marginella*), 1847. *Naturk. Verhand. Holl. Maatsch. Wet. Haarlem, Verzam.* ii, Deel 3, Stuk 2, 321, pl. xvii, f. 16 (Descr. Foss. Terr. Mioc. Ital. Sept.). *Loc.*—Tortone. *Types.*—Mus. Soc. Holl.; "mon cabinet." *Var. fuscomaculata*, Sacco, Aug. 1904. *Moll. Terr. Terz. Piemonte e Liguria*, pt. 30, p. 92. This is var. B of pt. 6. *Type.*—Coll. Michelotti in Geol. Mus., Roma. *Var. subadentata*, Sacco, Aug. 1904. *l.c.*, p. 91, pl. xix, f. 40 (var. A of pt. 6). *Var. sub-*

- rectelabiata*, Sacco, Aug. 1904. l.c., p. 92, pl. xix, f. 41 (var. c of pt. 6).
- deshaysii*, Redfield, ex Michelotti (*Marginella*), 1870. Amer. Journ. Conch., vi, 263. Error for DESHAYESI, Mich.
- DETECTA, Cossmann & Pissarro (*Persicula*), June, 1901. Bull. Soc. Géol. Normandie, xx (for 1900), 32, pl. ix, f. 4, 8 (Faune Eoc. Cotentin-Moll.). *Loc.*—Fresville. *Type.*—Coll. Pissarro.
- DICHOTOMOPTYCHA, Cossmann (*Marginella*), Dec. 31, 1896. Bull. Soc. Sci. Nat. Ouest France, sér. 1, vi, 227, pl. vii, f. 5-6, 9-10 (Moll. Eoc. Loire Inf^e). *Loc.*—Bois Gouët (Eoc.). *Type.*—Coll. Cossmann.
- dienvali*, de Raincourt (*Folvaria*), May 4, 1885. Bull. Soc. Géol. France, sér. III, xiii, 471, pl. xv, f. 7, 7a. *Loc.*—Visigneux (Sables Inf., Paris Basin). Probably = LAMARCKII, Desh., *vide* Cossmann.
- DIJKI, K. Martin (*Marginella*), 1884. Samml. geol. Reichs-Mus. Leiden, iii, 96, pl. v, f. 98 (Tiefbohr. Java). *Loc.*—Ngembak, Java. *Type.*—Rijks Geol.-Mineral. Mus., Leiden.
- DISSIMILIS, Deshayes (*Marginella*), Dec. 15, 1865. Descr. Anim. s. Vert. Bassin Paris, iii, 548, pl. civ, f. 15-17. *Loc.*—Grignon, etc. (Calc. Grossier). *Type.*—Coll. Deshayes.
- distans*, Conrad (*Porcellana*), Dec. 1862. Proc. Acad. Nat. Sci. Philad., 1862, p. 563. *Loc.*—Miocene of Atlantic slope. A *nomen nudum*.
- DOMINGOËNSIS, Dall (*Marginella*), Dec. 30, 1896. Proc. U.S. Nat. Mus., xix, 310 (Descr. Tert. Foss. Antill. Reg.). *Loc.*—Santo Domingo, from an island in Lake Henriquillo; Potrero, Rio Amina (Bland). *Types.*—U.S. Nat. Mus., nos. 113683, 113768.
- DRYADOS, Maury (*Persicula*), March 1, 1910. Bull. Amer. Paleont., iv, no. 21, p. 134 (16), pt. iv, f. 6 (New Oligoc. Sh. Florida). *Loc.*—Oak Grove sands, Fla. *Types.*—Coll. Cornell Univ. and Coll. Aldrich.
- DUBIA, Hutton (*Marginella*), 1873. Col. Mus. and Geol. Surv. Dept., Miscell. Publ., no. 9, p. 8 (Cat. Tert. Moll. and Echinod. N.Z.). *Loc.*—Broken River (Lower Tert.); Chatham Is. (Tert.).
- EBURNEA, Lamarek (*Marginella*), May, 1803. Ann. Mus. Hist. Nat. Paris, ii, 61. *Loc.*—Grignon. *Type.*—"Mon cabinet." Var. *pentaptycta*, Cossmann, 1889. Ann. Soc. Roy. Malac. Belg., xxiv, 199 (Cat. Illust. Coq. Foss. Eoc. Env. Paris). *Loc.*—Le Cotentin, Hauteville (Eoc. Moy.). *Type.*—Coll. Cossmann. Var. *vicentina*, Cristofori & Jan, Sept. 1, 1832. Cat. Rer. Nat. in Mus. Exstant., sect. ii, pt. i, Conch. Foss., p. 14, no. 4½. *Loc.*—Castell' Gomberto.
- eburnea*, Brongniart (*Marginella*), 1823. Mém. Terr. Sédiment. Sup. Calc.-Trapp. Vicentin, p. 64. *Loc.*—Ronca, Sangonini. = AGLAJA, Semper.
- eburnea*, Grateloup (*Marginella*), Nov. 20, 1834. Act. Soc. Linn. Bordeaux, vi, 301. *Loc.*—Dax (Faluns). = SUBEBURNEA, Orb.
- eburnea*, Sissonda, ex Bonelli MS. (*Marginella*), 1842. Syn. Meth. Anim. Invert. Pedemont. Foss., p. 42. *Loc.*—Torino. Quoted

- as of Lamarck. A *nomen nudum*. = TAURINENSIS, Mich. (*vide* Sacco).
- eburnea*, Beyrich (*Marginella*), 1853. Zeitschr. Deutsch. geol. Gesell., v, Heft 2, p. 324, pl. ii, f. 9a, b (Conch. Norddeutsch. Tert.-Gebirg.). *Loc.*—Osterweddingen (Tert.). = INTUMESCENS, Koenen.
- EDWARDSI, Deshayes (*Marginella*), Dec. 15, 1865. Descr. Anim. s. Vert. Bassin Paris, iii, 547, pl. civ, f. 12-14. *Loc.*—Auvers, etc. (Sables Moy.). *Type.*—Coll. Deshayes.
- ELEGANTULA, Dall (*Marginella*), Aug. 1890. Trans. Wagner Free Inst. Sci. Philad., iii, pt. i, 54, pl. iv, f. 7 (Contrib. Tert. Fauna Florida). *Loc.*—Tampa silex beds, Florida (Oligoc.). *Type.*—U.S. Nat. Mus., no. 1112104 (? 112104).
- elevata*, Emmons (*Marginella*), 1858. Rept. N. Carolina Geol. Surv., p. 262, f. 138 (238 by error). *Loc.*—Miocene marl of N. Carolina. = EBURNEOLA, Conrad, *vide* Dall in Trans. Wagn. Free Inst. Sci. Philad., iii, pt. i, 51.
- elevata*, Cossmann (*Marginella*), April 1, 1882. Journ. de Conch., xxx, 127, pl. vi, f. 8. *Loc.*—Paris Basin, sables de Cuise; Saint-Gobain, Aisne. *Type.*—Coll. Cossmann. = PRÆNOMINATA, Cossm.
- ELONGATA, Bellardi & Michelotti (*Marginella*), 1841. Mem. R. Accad. Sci. Torino, ser. II, iii, 155, pl. v, f. 10, 11 (Saggio Orittogr. Gasterop. Foss. Piemonte). *Loc.*—Torino (Tert.). Var. *albido-lineata*, Sacco, Aug. 1904. Moll. Terr. Piemonte e Liguria, pt. 30, 92. *Loc.*—Colli Torinesi (Mioc. Med.). This is the var. A of Sacco in 1890.
- EMARGINATA, Sismonda, ex Bonelli MS. (*Marginella*), 1847. Syn. Meth. Anim. Invert. Pedemont. Foss., 2nd ed., 46. *Loc.*—Tortona (Mioc.). Occurs as a *nomen nudum* in Sismonda's 1st ed. Var. *brunneoazonata*, Sacco, Aug. 1904. Moll. Terr. Terz. Piemonte e Liguria, pt. 30, p. 92. *Loc.*—Colli Tortonesi (Mioc. Sup.). *Type.*—Coll. Mus. Geol. Torino.
- ENTOMELLA, Cossmann (*Marginella*), 1889. Ann. Soc. Roy. Malac. Belg., xxiv, 203, pl. vii, f. 20 (Cat. Illustr. Coq. Foss. Eoc. Env. Paris). *Loc.*—Chaussy (Eoc. Moy.). *Type.*—Coll. Bernay.
- ERATIFORMIS, Hoernes & Auinger (*Marginella*), Dec. 31, 1880. Gasterop. Meeres-Ablager. Mioc. Med.-Stufe, Lief. ii, 66, pl. viii, f. 15, 16. *Loc.*—Lissitz (Mioc.).
- ERATOIDES, Fuchs (*Marginella*), 1869. Denkschr. k. Akad. Wissensch. Wien, xxx, 148, pl. i, f. 14-16 (Beitr. Kenntn. Conch.-Fauna Vicent. Tertiärgeb.). *Loc.*—Gomberto (Stampian).
- EULIMA, Dall (*Marginella*), Dec. 1892. Trans. Wagn. Free Inst. Sci. Philad., iii, pt. ii, 225, pl. xiii, f. 10 (Tert. Moll. Florida). *Loc.*—Pliocene of Shell Creek and Caloosahatchie beds, Florida. Recorded by Dall, l.c., pt. i, p. 50, as a spotted var. of *M. limatula*, Conrad.
- EURYCHILUS, Cossmann (*Marginella*), 1891. Ann. Soc. Roy. Malac. Belg., xxiv, 68, pl. iii, f. 14 (Cat. Illustr. Coq. Foss. Eoc. Env. Paris). *Loc.*—Liancourt (Eoc. Inf.). *Type.*—Coll. Chevallier.

- avena*, Sacco, ex Michelotti (*Marginella*), 1890. Mem. R. Accad. Sci. Torino, ser. II, xl, 322. Error for *avena*, Mich.
- EXCAVATA, Sacco, ex Bellardi MS. (*Marginella* (*Glabella*)), 1890. Mem. R. Accad. Sci. Torino, ser. II, xl, 315, pl. ii, f. 5 (Moll. Terr. Terz. Piemonte e Liguria, pt. 6). *Loc.*—Colli Torinesi (Mioc. Med.). *Type.*—Coll. Mus. Torino. Var. *magnoventrosa*, Sacco, Aug. 1904. Moll. Terr. Terz. Piemonte e Liguria, pt. 30, p. 91, pl. xix, f. 39. This is the var. *a* of Sacco in 1890.
- exilis*, Eichwald (*Voluta*), 1829. Zool. Spec., i, 298, pl. xv, f. 15a, b. *Loc.*—"Calcem Poczaiowensem." *Marginella exilis*, Eichwald in Naturh. Skizzen Lithauen, Volhynien, u. Podolien, p. 221. The species is a *Ringicula*, *sic* Orbigny (Prodrome Paléont. Stratigr., iii, 37).
- exilis*, H. C. Lea (*Marginella*), 1846. Trans. Amer. Phil. Soc., n.ser., ix, pt. 2, 274, pl. xxxvii, f. 103. *Loc.*—Petersburg, Va. (Tert.). Occurs as a *nomen nudum* in Proc. Amer. Phil. Soc., iii, Sept. 1843, 165. = SUBEXILIS, Orb.
- FAUNULA, Dall (*Marginella*), Aug. 1890. Trans. Wagner Free Inst. Sci. Philad., iii, pt. 1, 53, pl. iv, f. 9b (Contrib. Tert. Fauna Florida). *Loc.*—Tampa silex beds, Florida. *Type.*—U.S. Nat. Mus., no. 112103.
- ficoides*, Hutton (*Volvaria*), 1873. Col. Mus. and Geol. Surv. Dept., Misc. Publ., no. 9, p. 8 (Cat. Tert. Moll. and Echinod. N.Z.). *Loc.*—Oamaru, N.Z. (Tert.). Is a *Cypræa*, *sic* Suter in New Zealand Geol. Surv., Palæont., Bull. no. 2, pt. 1, p. 3.
- FLORIDANA, Dall (*Marginella*), Aug. 1890. Trans. Wagner Free Inst. Sci. Philad., iii, pt. 1, 49, pl. v, f. 6 (Contrib. Tert. Fauna Florida). *Loc.*—Caloosahatchie beds, Florida (Plioc.). *Type.*—U.S. Nat. Mus.
- FORNASINI, Foresti (*Marginella*), 1885. Bull. Soc. Malac. Ital., xi, 11, text-figures. *Loc.*—S. Luca, near Bologna (Mioc. Med.).
- FOURTAU, Cossmann (*Marginella*), 1901. Bull. Inst. Égypt., sér. iv, no. 1, fasc. vi, p. 8, pl. i, f. 10. *Loc.*—Dgebel Kibli el Ahram (Eoc. Moy.). *Type.*—Coll. Cossmann.
- FRACTA, Tomlin (*Marginella*), April 1, 1916. Journ. Conch., xv, 43. New name for *ventricosa*, Hutton, *non* G. Fischer.
- FRAGILIS, Deshayes (*Marginella*), Dec. 15, 1865. Descr. Anim. s. Vert. Bassin Paris, iii, 553, pl. civ, f. 39-41. *Loc.*—Grignon, Parnes (Calc. Grossier). *Type.*—Coll. Deshayes.
- FRECHI, Toulou (*Marginella*), Dec. 1911. Jahrb. k. k. geol. Reichsanst. Wien, lxi, Heft 3 and 4, 480, pl. xxix, f. 11 (Nachtr. jungtert. Fauna Tehuantepec). *Loc.*—Tehuantepec (Plioc.).
- FREDERICI, Cossmann (*Marginella*), 1889. Ann. Soc. Roy. Malac. Belg., xxiv, 205, pl. vii, f. 10 (Cat. Illust. Coq. Foss. Éoc. Env. Paris). New name for *ovulata*, Edwards, *non* Lam.
- FUCHSI, Cossmann (*Marginella*), April, 1899. Essais Paléococh. Comp., iii, 91. New name for *gracilis*, Fuchs, *non* Edwards, *nec* C. B. Adams.
- fuscomaculata*, Sacco (var.), Aug. 1904. See DESHAYESI, Mich.
- GABBI, Dall (*Marginella*), 1890. Trans. Wagner Free Inst. Sci.

- Philad., iii, pt. 1, 56 (*gabbii*, p. 57). New name for *ovuliformis*, Gabb, non Orbigny.
- GABBIANA, G. D. Harris, ex Aldrich MS. (*Volvaria*), 1895. Proc. Acad. Nat. Sci. Philad., 1895, pt. i, p. 67, pl. vi, f. 7 (Tert. Moll. Texas). *Loc.*—Devil's Eye, Colorado River; Alum Creek, Texas (Lower Claiborne Eocene). *Type.*—Texas State Mus.
- galba*, Conrad (*Volvaria*), Aug. (or Sept.) 1833. Foss. Shells Tert. Form. N. America, 1st ed., i, no. 3, p. 34 [pl. xviii, f. 2; plates, however, never issued]. *Loc.*—Claiborne, Alabama. *Type.*—Cab. Acad. Nat. Sci. Philad. Called *Bulla galba* in the 2nd ed., p. 40. Is a *Cylichna*, *vide* Redfield.
- GATUNENSIS, Brown & Pilsbry (*Marginella*), April, 1911. Proc. Acad. Nat. Sci. Philad., lxxiii, pt. ii, 347, pl. xxiv, f. 10 (Fauna Gatun Formation). *Loc.*—Gatun formation, Panama. *Type.*—Acad. Nat. Sci. Philad.
- GESLINI, Cossmann, ex Vasseur MS. (*Marginella*), Dec. 31, 1896. Bull. Soc. Sci. Nat. Ouest France, vi, 228, pl. vii, f. 3, 4 (Moll. Eoc. Loire-Luf^e). *Loc.*—Bois Gouët. *Type.*—École des Mines, Paris. This name occurs as a *nomen nudum* of Vasseur's in a paper published simultaneously in 1881 in Ann. Sci. Géol., xiii, 174, and in Bibl. École Hautes Etudes (Sect. Sci. Nat.), xxiii, 174, entitled "Récherches Géol. Terr. Tert. France Occid.-Stratigraphie". The paper was to have been followed by one on Paléontologie, but this was never published, though some plates were actually prepared and proof copies thereof distributed (see Cossmann, *op. cit.*, v, 159). Cossmann expressly states that these plates "ne se trouvent pas dans la commerce".
- GIBBEROSA, Oppenheim (*Marginella (Faba)*), 1906. Zeitschr. Deutsch. geol. Gesellsch., lviii, p. 87, pl. ix, f. 12a, b (Foss. Côte des Basques). *Loc.*—Côte des Basques, near Biarritz.
- glabella*, Borson (*Marginella*), 1820. Mem. R. Accad. Sci. Torino, xxv, 208. *Loc.*—Africa and Western America; fossil at Tortona. = DESHAYESI, Mich.
- glabella*, Orbigny, ex Borson (*Marginella*), 1852. Prodrôme Paléont. Stratigr., iii, 51. Error for *glabella*, Borson.
- GLOBULOSA, Koenen (*Marginella*), March, 1890. Abhandl. geol. Specialkarte Preussen u. Thüring. Staaten, x, Heft ii, Lief. 2, p. 552, pl. xxxviii, f. 12a, b (Norddeutsch. Unter-oligoc. Moll. Fauna). *Loc.*—Westeregeln, N. Germany (Unter-oligoc.).
- GOOSSENSI, Cossmann (*Marginella*), 1889. Ann. Soc. Roy. Malac. Belg., xxiv, 209, pl. vii, f. 15, 16 (Cat. Illust. Cœq. Foss. Eoc. Env. Paris). *Loc.*—Chaumont (Eoc. Moy.). *Type.*—Coll. Cossmann.
- GRACILIOR, Ihering (*Marginella*), 1897. Rev. Mus. Paulista, ii, 308, text-figs. 18 (Moll. Terr. Terc. Patagonia). *Loc.*—Jegua quemada, Patagonia (Tert.). *Type.*—Mus. S. Paulo.
- gracilis*, Edwards (*Marginella*), 1854. Monogr. Eoc. Moll. (Palæont. Soc.), pt. iii, p. 140, pl. xviii, f. 4a-c. *Loc.*—Barton. *Type.*—Cab. D'Urban. = SUBGRACILIS, Redfield.
- gracilis*, Fuchs (*Marginella*), 1869. Denkschr. k. Akad. Wissensch.

- Wien, xxx, 147, pl. iv, f. 6-8 (Beitr. Kenntn. Conch.-Fauna Vicent. Tertiärgeb.). *Loc.*—Gomberto (Stampian). = FUCHS, COSSMANN.
- GRANDIS, KOENEN (*Marginella*), March, 1890. Abhandl. geol. Specialkarte Preussen u. Thüring. Staaten, x, Heft ii, Lief. 2, p. 549, pl. xxxviii, f. 21a-c, 22a, b (Norddeutsch. Unter-oligoc. Moll. Fauna). *Loc.*—Westeregeln, etc., N. Germany (Unter-oligoc.).
- GRAVIDA, DALL (*Marginella*), Aug. 1890. Trans. Wagner Free Inst. Sci. Philad., iii, pt. 1, 55, pl. v, f. 3 (Contrib. Tert. Fauna Florida). *Loc.*—Miocene of Virginia; Pliocene of Caloosahatchie beds, Florida. *Type.*—U.S. Nat. Mus.
- GREGARIA, DALL (*Marginella*), Jan. 21, 1915. U.S. Nat. Mus. Bull. no. 90, p. 55. *Loc.*—Tampa silex beds, Florida (Oligoc.). *Type.*—U.S. Nat. Mus., no. 165081.
- GRISSENSIS, K. MARTIN (*Marginella*), 1884. Samml. Geol. Reichs-Mus. Leiden, iii, 95, pl. v, f. 97 (Tiefbohr. Java). *Loc.*—Grissee. *Type.*—Rijks-Geol.-Mineral. Mus., Leiden.
- HALENSIS, DALL (*Marginella*), Dec. 21, 1916. Proc. U.S. Nat. Mus., li, no. 2162, p. 504, pl. lxxxviii, f. 2. *Loc.*—Flint River, Ga. (Oligoc.). *Type.*—U.S. Nat. Mus., no. 166723.
- HARRISI, COSSMANN (*Marginella*), April, 1899. Essais Paléoconch. Comp., iii, 88. New name for *ovata*, G. F. Harris, non I. Lea.
- HAUERI, HOERNES & AUINGER (*Marginella (Volvarina)*), Dec. 31, 1880. Gasterop. Meeres-Ablager. Mioc. Med.-Stufe, Lief. ii, p. 70, pl. viii, f. 18. *Loc.*—Lapugy (Mioc.).
- HECTORI, KIRK (*Marginella*), May, 1882. Trans. New Zealand Inst., xiv (for 1881), 409. *Loc.*—Petane, Hawke's Bay (Tert.).
- HÖRNESI, BRUSINA (*Marginella*), Oct. 1, 1877. Journ. de Conch., xxv, 371. New name for *miliacea*, Hoernes (pars).
- HORDEACEA, TATE (*Marginella*), 1878. Trans. Phil. Soc. Adelaide, S.A. (for 1877-8), p. 91 (Foss. Marg. Australia). *Loc.*—Blanche Point Cliff, Aldinga, South Australia (Mioc.).
- HORDEOLA, DESHAYES (*Marginella*), 1835. Deser. Coq. Foss. Env. Paris, ii, 708, pl. xcv, f. 26-9. *Loc.*—Grignon, Parnes. *Type.*—"Mon cabinet."
- HUMEROSA, CONRAD (*Marginella*), March 1, 1835. Foss. Shells Tert. Form. N. America, 2nd ed., i, no. 3, p. 45, pl. xvi, f. 14. New name for *crassilabra*, I. Lea, non Conrad. ✓
- ICKEL, K. MARTIN (*Marginella*), 1916. Samml. Geol. Reichs-Mus. Leiden, n. ser., ii, Heft 6, p. 232, pl. i, f. 16, 17 (Altmioc. Fauna West-Progogeb. Java). *Loc.*—Rembang Sokkoh. *Type.*—Rijks Geol.-Mineral. Mus., Leiden.
- IMPAGINA, DALL (*Marginella*), Jan. 21, 1915. U.S. Nat. Mus. Bull. no. 90, p. 56, pl. xii, f. 4. *Loc.*—Tampa silex beds, Florida (Oligoc.). *Type.*—U.S. Nat. Mus., no. 165060.
- INAURIS, CRISTOFORI & JAN (*Marginella*), Sept. 1, 1832. Cat. Rer. Nat. in Mus. Exstant., sect. ii, pt. 1, Conch. Foss., p. 14, no. 5. *Loc.*—"Tab." (I am unable to elucidate this abbreviation.)
- INCRASSATA, NELSON (*Marginella*), 1870. Trans. Conn. Acad. Sci., ii, 197, pl. vi, f. 5, 6. *Loc.*—Peru (Tert.).

- incurva*, I. Lea (*Marginella*), Nov. 1833. Contrib. Geol., p. 179. pl. vi, f. 192. *Loc.*—Claiborne, Alabama. "Immature and indeterminate" (Dall in Trans. Wagner Free Inst. Sci. Philad., iii, 57).
- inepta*, Dall (var.), Aug. 1890. See BELLA, Conrad.
- inequidens*, Tate (*Marginella*), July, 1895. Trans. Roy. Soc. South Australia, xix, 111. *Loc.*—Cape Otway (Tert.). A *nomen nudum*.
- INERMIS, Tate (*Marginella*), 1878. Trans. Phil. Soc. Adelaide, S.A. (for 1877-8), p. 93. *Loc.*—Muddy Creek, Victoria (Mioc.).
- INFECTA, Dall (*Marginella*), Jan. 21, 1915. U.S. Nat. Mus. Bull. no. 90, p. 52, pl. xii, f. 3. *Loc.*—Tampa silex beds, Florida (Oligoc.). *Type.*—U.S. Nat. Mus., no. 165061.
- inflata*, DeFrance (*Marginella*). A manuscript name, quoted by Grateloup (Actes Soc. Linn. Bordeaux, vi, 300, Nov. 20, 1834) and others as a synonym of *Voluta cypræola*, Broc. (= *Erato lævis*, Don.).
- inflata*, K. Martin (var.), 1895. See DACTYLUS, Lam.
- inflexa*, Emmons (*Marginella*), 1858. Rept. N. Carolina Geol. Surv., p. 261, f. 137. *Loc.*—N. Carolina (Mioc. Marl). = SUBINFLEXA, Redfield.
- INTENSA, Dall (*Marginella*), Jan. 21, 1915. U.S. Nat. Mus. Bull. no. 90, p. 56, pl. x, f. 8. *Loc.*—Tampa silex beds, Florida (Oligoc.). *Type.*—U.S. Nat. Mus., no. 165055.
- INTUMESCENS, Koenen (*Marginella*), 1865. Zeitschr. Deutsch. geol. Gesell., xvii, Heft 3, 505, pl. xvi, f. 5a, b (Fauna Unter-oligoc. Tert. Helmstadt). New name for *eburnea*, Beyrich, non Lam.
- involuta*, Zekeli (*Marginella*), 1852. Abhandl. k.k. geol. Reichsanst. Wien, i, Abth. ii, no. 2, 65, pl. xi, f. 11a-c (Gasterop. Gosaugebilde). *Loc.*—Gosau (Cretaceous). *Type.*—Samml. k.k. geol. Reichsanstalt. "Probably an *Ovula*" (Redfield in Amer. Journ. Conch., vi, 264).
- IRLÆ, Sacco (*Marginella (Persicula)*), 1890. Mem. R. Accad. Sci. Torino, ser. II, xl, 322, pl. ii, f. 20a, b (Moll. Terr. Terz. Piemonte e Liguria, pt. 6). *Loc.*—Villalvernia, near Tortona (Plioc. Inf.). *Type.*—Coll. Mus. Torino.
- KARIKALENSIS, Cossmann (*Marginella (Eratoidea)*), 1903. Journ. de Conch., li, 118, pl. iv, f. 2, 3. *Loc.*—Karikal (Plioc.). *Type.*—École des Mines, Paris.
- lævigata*, Eichwald (*Marginella*), 1830. Naturh. Skizze Lithauen, Volhynien, u. Podolien, p. 221. *Loc.*—Shukowze (Muschelsande). Is a *Ringicula*, *fide* Morlet in Journ. de Conch., xxvi, 265.
- lævis*, Bronn (var.), 1831. Ital. Tert. Gebilde, p. 17 (ex Ergebn. Nat. Reisen, ii). Given as a var. of *Marginella auriculata*, Mén., and in part = *Ringicula buccinea*, Broc. (*fide* Sacco).
- lamarckii*, Deshayes (*Volvaria*), Dec. 15, 1865. Descr. Anim. s. Vert. Bassin Paris, iii, 543, pl. civ, f. 1-3. *Loc.*—Laversine (Sables Inf.). *Type.*—Coll. Deshayes. Not a Marginellid.
- LARYATA, Conrad (*Marginella*), Aug. (or Sept.) 1833. Foss. Shells Tert. Form. N. America, 1st ed., i, no. 3, p. 33 [pl. xvii, f. 7,

- but plates never issued]. *Loc.*—Claiborne, Alabama. *Type.*—*Cab. Acad. Nat. Sci. Philadelphia.* Figured op. cit., 2nd ed., pl. xvi, f. 12.
- LATA, Schafhäütl (*Marginella*), 1863. Süd-Bayerns Leth. Geogn., p. 209, pl. xl, f. 4a, b. *Loc.*—Kressenberg (Tert.). *Type.*—Coll. Schafhäütl.
- LATOR, Böse (*Marginella*), 1906. Bol. Inst. Geol. Mexico, no. 22, p. 45, pl. v, f. 9-14 (Algun. Faun. Terc. Mexico). *Loc.*—Tuxtepec (Plioc.).
- LATRIMA, Sacco (*Marginella (Glabella)*), 1890. Mem. R. Accad. Sci. Torino, ser. II, xl, 316, pl. ii, f. 7 (Moll. Terr. Terz. Piemonte e Liguria, pt. 6). *Loc.*—Colli Torinesi (Mioc. Med.). *Type.*—Coll. Rovasenda.
- LATISSIMA, Dall (*Marginella*), Dec. 30, 1896. Proc. U.S. Nat. Mus., xix, 308, pl. xxix, f. 11 (Descr. Tert. Foss. Antill. Reg.). *Loc.*—Pliocene clays of Moen, Costa Rica (Gabb): Santo Domingo (Bland). *Type.*—U.S. Nat. Mus.
- LEANDER, Brown & Pilsbry (*Marginella*), Apr. 1911. Proc. Acad. Nat. Sci. Philad., lxiii, pt. 2, 347, pl. xxiv, f. 13 (Fauna Gatun Formation). *Loc.*—Gatun formation, Panama. *Type.*—Acad. Nat. Sci. Philad.
- LIMONENSIS, Dall (*Marginella*), Dec. 30, 1896. Proc. U.S. Nat. Mus., xix, 309, pl. xxix, f. 12 (Descr. Tert. Foss. Antill. Reg.). *Loc.*—Pliocene clays of Limon, Costa Rica. *Type.*—U.S. Nat. Mus., no. 107076.
- LONGA, Sacco (*Marginella (Glabella)*), 1890. Mem. R. Accad. Sci. Torino, ser. 2, xl, 315, pl. ii, f. 4 (Moll. Terr. Terz. Piemonte e Liguria, pt. 6). *Loc.*—Colli Torinesi (Mioc. Med.). *Types.*—Mus. Geol. di Torino e di Roma. Var. *compresselabiata*, Sacco, Aug. 1904. Moll. Terr. Terz. Piemonte e Liguria, pt. 30, p. 91, pl. xix, f. 37, 38. Called var. A in 1890, i.e.
- LUGENSIS, Fuchs (*Marginella*), 1869. Denkschr. k. Akad. Wissensch. Wien, xxx, 184, pl. viii, f. 19, 20 (Beitr. Kenntn. Conch.-Fauna Vicent. Tertiärgeb.). *Loc.*—Sangonini (Tongrian).
- MACDONALDI, Dall (*Marginella*), March 2, 1912. Smithsonian Miscell. Coll., lix, no. 2077, p. 7. *Loc.*—Costa Rica (Plioc.?). *Type.*—U.S. Nat. Mus., no. 214348.
- magnorentrosa*, Sacco (var.), Aug. 1904. See EXCAVATA, Sacco.
- marginata*, Michelotti, ex Bonelli MS. (*Marginella*), 1847. Naturk. Verhand. Holl. Maatsch. Wet. Haarlem, Verzam ii, Deel 3, Stuk 2, 321, pl. xiii, f. 10, 11 (Descr. Foss. Terr. Mioc. Ital. Septentr.). *Loc.*—Tortona. *Types.*—Mus. Soc. Holl.: "mon cabinet." = EMARGINATA, Sism.
- marginellus*, Schlotheim (*Volutites*), 1820. Petrefactenk., p. 124. *Loc.*—Weinheim. = EBURNEA, Lam. *vide* Holl, Handb. Petrefactenk., Bdchen. iii, p. 263.
- MEDIOCRIS, Pilsbry & Brown (*Marginella*), March 27, 1917. Proc. Acad. Nat. Sci. Philad., Feb. 1917, p. 32, pl. v, f. 2. *Loc.*—Cartagena, Columbia (Oligoc.).
- melliflua*, Redfield (*Marginella*). Quoted by Dall, Trans. Wagn. Free Inst. Sci. Philad., iii, pt. 1, 52, Aug. 1890, as an

- unpublished name for the amber variety of *eburneola*, Conrad (= *opalina*, Stns.).
- MICROGLAPHYRA, Tomlin (*Marginella*), 1918. New name here proposed for *brevis*, Sacco, non Koenen.
- MICULA, Tate (*Marginella*), 1878. Trans. Phil. Soc. Adelaide, S.A., for 1877-8, p. 93 (Foss. Marg. Australia). *Loc.*—Muddy Creek, Victoria (Mioc.).
- miliacea*, Dujardin (*Marginella*), 1837. Mém. Soc. Géol. France, ii, 302, pl. xix, f. 18. *Loc.*—Bordeaux (Faluns). = SUBMILIACEA, Orb.
- miliacea*, Sismonda (*Marginella*), 1847. Syn. Meth. Anim. Invert. Pedemont. Foss., 2nd ed., p. 46. *Loc.*—Piedmont (Plioc.). = IRLE, Sacco (Mem. R. Accad. Sci. Torino, ser. 2, xl; 322).
- miliacea*, Hoernes (*Marginella*), 1852. Abhandl. k. k. geol. Reichsanst., Wien, iii, 84, pl. ix, f. 1, 2 (Foss. Moll. Tert. Beck. Wien). *Loc.*—Gainfahren. *Types.*—Imperial Mus., Vienna. Fig. 1 = HÖRNESEI, Brusina, and fig. 2 = LAVALLEEANA, Orb.
- MINDIENSIS, Cossmann (*Marginella (Bullata)*), Sept. 5, 1913. Journ. de Conch. lxi, 61, pl. v, f. 13-15. *Loc.*—Mindi, Panama Canal (Mioc.). *Type.*—École des Mines, Paris.
- minima*, I. Lea (*Oliva*), 1833. Contrib. Geol., p. 184, pl. vi, f. 200. *Loc.*—Claiborne, Alabama (Tert.). = SEMEN, I. Lea, *vide* Heilprin in Proc. Acad. Nat. Sci. Philad., 1890, p. 397.
- minor*, Cristofori & Jan (var.), Sept. 1, 1832. See PHASEOLUS, Brongn.
- minor*, K. Martin (var.), 1895. See DACTYLUS, Lam.
- minor*, K. Martin (var.), 1895. See VENTRICOSA, G. Fischer.
- MIRULA, Cossmann (*Marginella*), Dec. 31, 1896. Bull. Soc. Sci. Nat. Ouest France, sér. 1, vi, 227, pl. vii, f. 21 (Moll. Eoc. Loire Inf^e). *Loc.*—Bois Gouët (Eoc.). *Type.*—Coll. Dumas.
- MOLLITOR, Dall (*Marginella*), Jan. 21, 1915. U.S. Nat. Mus. Bull. no. 90, p. 52, pl. xii, f. 1. *Loc.*—Tampa silex beds, Florida (Oligoc.). *Type.*—U.S. Nat. Mus., no. 165058.
- multicingulata*, Sandberger (*Volvaria*), 1863. Conch. Mainzer Tert.-beck., p. 267, pl. xiv, f. 7, 7a, b. *Loc.*—Weinheim. Recorded in Untersuch. Mainzer Tert.-beck., 1853, p. 10, as *V. acutiuscula*, Sow. Not a Marginellid.
- MUSCARIOIDES, Tate (*Marginella*), 1878. Trans. Phil. Soc. Adelaide, S.A., for 1877-8, p. 91 (Foss. Marg. Austral.). *Loc.*—Muddy Creek, Victoria (Mioc.).
- mutica*, Edwards (*Marginella*). A manuscript name quoted in Morris' Cat. Brit. Foss., 2nd ed., 1854, p. 257. *Loc.*—Headon Hill (Mid. Eoc.).
- MYRINA, Dall (*Marginella*), Jan. 21, 1915. U.S. Nat. Mus. Bull. no. 90, p. 57, pl. xii, f. 2. *Loc.*—Tampa silex beds, Florida (Oligoc.). *Type.*—U.S. Nat. Mus., no. 165056.
- nana*, Conrad (*Marginella*), 1834. App. to Morton's Syn. Org. Remains Cretac. Group U.S., p. 2. *Loc.*—U.S.A. (Tert.). A *nomen nudum*.
- nana*, Edwards (*Marginella*). A manuscript name quoted in Morris' Cat. Brit. Foss., 2nd ed., 1854, p. 257. *Loc.*—Highcliff (Mid. Eoc.).

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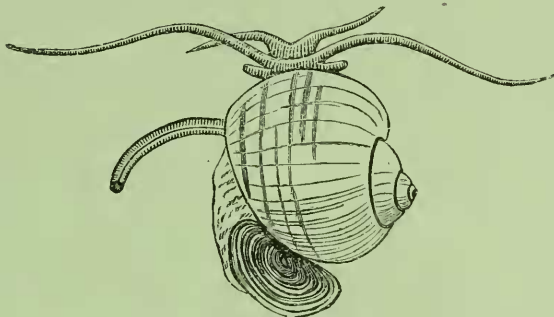
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See page iv of this wrapper.

- nana*, Zittel (var.), 1862. See OVULATA, Lam.
- NANGGULANENSIS, K. Martin (*Marginella* (*Cryptospira*)), 1916. Samml. Geol. Reichs-Mus. Leiden, n.ser., ii, Heft 6, 232, pl. i, f. 18 (Altmioc. Fauna West-Progogeb. Java). *Loc.*—Rembang Sokkoh (Mioc). *Type.*—Rijks Geol.-Mineral. Mus., Leiden.
- NEWMANI, Dall (*Marginella*), Aug. 1890. Trans. Wagn. Free Inst. Sci. Philad., iii, pt. i, 54, pl. iv, f. 8 (Contrib. Tert. Fauna Florida). *Loc.*—Tampa silex beds, Florida (Oligoc.). *Type.*—U.S. Nat. Mus., no. 112105.
- newmanni*, Cossmann, ex Dall (*Marginella*), April, 1899. Essais Paléococh. Comp., iii, 88. Error for NEWMANI, Dall.
- NITIDULA, Deshayes (*Marginella*), 1835. Descr. Coq. Foss. Env. Paris, ii, 709, pl. xcv, f. 10, 11. *Loc.*—Parnes. *Type.*—Coll. Deshayes.
- NUGAX, Pilsbry & Johnson (*Marginella*), May 4, 1917. Proc. Acad. Nat. Sci. Philad., April, 1917, p. 165 (New Moll. S. Domingan Oligoc.). *Loc.*—Santo Domingo. *Type.*—Acad. Nat. Sci., Philadelphia, no. 2802.
- OBLONGATA, Redfield, ex Bonelli MS. (*Marginella*), Oct. 6, 1870. Amer. Journ. Conch., vi, 266. *Loc.*—Piedmont (Upper Mioc.). Occurs as a *nomen nudum* in Sismonda's Syn. Meth. Anim. Invert. Piedmont. Foss., 2nd ed., p. 46. I cannot find that the name has been properly characterized by any author earlier than Redfield.
- obovata*, Doderlein (*Marginella*), 1862. Cenni Geol. Giac. Terr. Mioc. Sup. Ital. Centr., p. 24. *Loc.*—Monte Gibio. A *nomen nudum*.
- OBTUSA, Fuchs (*Marginella*), 1869. Denkschr. k. Akad. Wissensch. Wien, xxx, 147, pl. i, f. 11-13 (Beitr. Kenntn. Conch.-Fauna Vicent. Tertiärgeb.). *Loc.*—Gomberto (Stampian).
- OCTOPLICATA, Tenison-Woods (*Marginella*), 1877. Papers Roy. Soc. Tasmania for 1876, p. 109. *Loc.*—Table Cape, Tas. (Tert.). Tate, Trans. Proc. Rept. Phil. Soc. Adelaide, S.A. (for 1877-8), p. 96, queries this as an *Erato*.
- octopticata*, Johnson, ex Tenison-Woods (*Marginella*), 1877. Papers Roy. Soc. Tasmania for 1876, p. 90b. Error for OCTOPLICATA, T.-W.
- OLIGOPTYCHA, Cossmann (*Glabella*), April, 1899. Essais Paléococh. Comp., iii, 194, pl. iii, f. 29-30. *Loc.*—Karikal (Plioc.). *Type.*—Coll. Bonnet.
- oliviformis*, Emmons (*Marginella*), 1858. Rept. N. Carolina Geol. Surv., 1858, p. 261, f. 133. Error for *oliviformis*, T. & H.
- olivella*, Ortmann (*Marginella*), 1902. Repts. Princeton Univ. Exp. Patagonia, 1896-9, vol. iv (Paleont., i, pt. 2. Tert. Invertebr.), 225, pl. xxxv, f. 3a, b. New name for *oliviformis*, Ortmann, non Tuomey & Holmes. = ORTMANNI, Tomlin.
- oliviformis*, Tuomey & Holmes (*Porcellana*), 1857. Pleioc. Foss. S. Carolina, p. 131, pl. xxvii, f. 12, 13. *Loc.*—Sumter District. *Type.*—Mus. Coll. of Charleston. = ANTIQUA, Redf.
- oliviformis*, Ortmann (*Marginella*), Nov. 1900. Amer. Journ. Sci., x, 376. *Loc.*—Santa Cruz, Patagonia (Tert.). = ORTMANNI, Tomlin.

- ONCHIDELLA, Dall (*Marginella*), Dec. 1892. Trans. Wagn. Free Inst. Sci. Philad., iii, pt. 2, 226, pl. xiii, f. 7 (Tert. Fauna Florida).
Loc.—Pliocene of the Caloosahatchie and Shell Creek, Florida.
Type.—U.S. Nat. Mus.
- OPPENHEIM, Cossmann (*Marginella*), April, 1899. Essais Paléococonch. Comp., iii, 89. New name for *quinquesplicata*, Opp., non *quinqueplicata*, Lam.
- ORTMANN, Tomlin (*Marginella*), 1918. New name here proposed for *olivella*, Ortmann (1902), non Reeve (1865).
- ✓ *ovata*, I. Lea (*Marginella*), Nov. 1833. Contrib. Geol., p. 179, pl. vi, f. 191. *Loc.*—Claiborne, Alabama. = *LARVATA*, Conrad.
- ovata*, Emmons (*Marginella*), 1858. Rept. N. Carolina Geol. Surv., 1858, p. 261, f. 136. *Loc.*—N. Carolina (Mioc. Marl). = SEMEN, I. Lea, *vide* Dall in Trans. Wagn. Free Inst. Sci. Philad., iii, pt. 1, 57.
- ovata*, G. F. Harris (*Marginella* (*Glabella*)), 1897. Cat. Tert. Moll. Brit. Mus., pt. i (Australasian Tert. Moll.), p. 88, pl. iv, f. 6a, b. *Loc.*—Parimoo, N.Z. (Mioc.). *Type.*—Coll. Mantell in Brit. Mus. = HARRIS, Cossmann.
- OVIIFORMIS, Conrad (*Volutella* (*Microspira*)), Oct. 1, 1868. Amer. Journ. Conch., iv, 66, pl. v, f. 3. *Loc.*—Virginia (Mioc.).
- ovula*, Conrad (*Persicula*), July 7, 1870. Amer. Journ. Conch., vi, 78. *Loc.*—James River, Virginia. *Types.*—Acad. Nat. Sci. Philad. (two), no. 2511. Conrad refers to "Miocene Fossils, pl. xlix, f. 9", i.e. his "Foss. Med. Tert. U.S." (1861), where f. 9 is erroneously assigned to *Marginella limatula*, Conr. He apparently forgot that he had described the same species in the same periodical, two years before, as OVIIFORMIS.
- ovulaeformis*, Seguenza (*Marginella*), 1880. Atti R. Accad. Lincei, ser. III, vi (Memorie), 253, pl. xvi, f. 12 (Form. Terz. Prov. Reggio). *Loc.*—S. Cristina, Gallina. = SEGUENZA, Tomlin.
- OVLATA, Lamarek (*Marginella*), May, 1803. Ann. Mus. Hist. Nat. Paris, ii, 61. *Loc.*—Grignon. *Type.*—"Mon cabinet." Var. *nana*, Zittel, 1862. Sitzungsb. k. Akad. Wissensch. Wien, xlv, Abth. i, 368, pl. i, f. 2a-c. *Loc.*—Forna, Hungary (Upper Nummulit.). = ZITTELI, Oppenheim. Var. *polyptycta*, Cossmann, 1889. Ann. Soc. Roy. Malac. Belg., xxiv, 204 (Cat. Illust. Coq. Foss. Eoc. Env. Paris). *Loc.*—Chaussy, Acy, etc. (Eoc. Med. - Eoc. Sup.). *Type.*—Coll. Cossmann. Var. *spirata*, Cossmann, 1889, l.c. *Type.*—Coll. Cossmann.
- ovulata*, Grateloup (*Marginella*), Nov. 20, 1831. Actes Soc. Linn. Bordeaux, vi, 301. *Loc.*—Dax (Faluns). = SUBOVLATA, Orb.
- ovulata*, Beyrich (*Marginella*), 1853. Zeitschr. Deutsch. geol. Gesell., v, Heft 2, 321, pl. ii, f. 10a, b (Conch. Norddeutsch. Tert.-Gebirg.). *Loc.*—Westeregeln, N. Germany (Tert.). = PEROVALIS, Koenen.
- ovulata*, Edwards (*Marginella*), 1854. Monogr. Eoc. Moll. (Palæont. Soc.), p. 141, pl. xviii, f. 5a-c. *Loc.*—Bracklesham. *Type.*—Coll. Edwards in Brit. Mus. = FREDERICI, Cossmann.
- ovuliformis*, Gabb (*Marginella*), 1881. Journ. Acad. Nat. Sci. Philad.,

- n.ser., viii, 355, pl. xlvi, f. 39. *Loc.*—Costa Rica (Plioc).
Types.—Acad. Nat. Sci. Philad. (six), no. 2490. = GABBI, Dall.
ovum, Schafhüttl (*Marginella*), 1863. Süd-Bayerns Leth. Geogn.,
 p. 209, pl. lxv, f. 12. Kressenberg (Tert.). *Type.*—Coll.
 Schafhüttl. = TRANSNOMINATA, Tomlin.
- pallida*, Wood (pars) (*Voluta*), 1828. Index Test., 2nd ed., pl. xix,
 f. 59. = *Volvaria bulloides*, Lam. The references on p. 94,
 no. 59, are all to the shell hitherto called *Marginella pallida*,
 Don. (= TENUILABRA, Tomlin).
- PAMOTANENSIS, K. Martin (*Marginella (Cryptospira)*), 1906. Samml.
 Geol. Reichs-Mus. Leiden, n.ser., i, Heft 10, 300, pl. xliii,
 f. 715 (Foss. Java). *Loc.*—Pamotan. *Type.*—Rijks Geol.-
 Mineral. Mus., Leiden.
- PARDALIS, Dall (*Marginella apicina*, Mke., var. ?), Aug. 1890. Trans.
 Wagn. Free Inst. Sci. Philad., iii, pt. 1, 49, pl. v, f. 2 (Contrib.
 Tert. Fauna Florida). *Loc.*—Caloosahatchie beds, Florida
 (Plioc). *Type.*—U.S. Nat. Mus.
- PARISIENSIS, Tomlin (*Marginella*), 1918. New name here proposed for
cyliindracea, Desh. (1865), non da Costa (1778).
- PARVULA, Sacco (*Marginella (Volvarina)*), 1890. Mem. R. Accad. Sci.
 Torino, ser. II, xl, 320, pl. ii, f. 12 (Moll. Terr. Terz. Piemonte
 e Liguria, pt. 6). *Loc.*—Colli Torinesi (Mioc. Med.). *Type.*—
 Mus. Geol., Torino.
- PAUCISPIRA, Fuchs (*Marginella*), 1869. Denkschr. k. Akad. Wissensch.
 Wien, xxx, 184, pl. x, f. 11–13 (Beitr. Kenntn. Conch.-Fauna
 Vicent. Tertiärgeb.). *Loc.*—Sangonini (Tongrian).
- pentaptlycta*, Cossmann (var.), 1889. See EBURNEA, Lam.
- PEREXIGUA, Conrad (*Marginella*), 1842. Journ. Acad. Nat. Sci. Philad.,
 viii, 189. *Loc.*—Calvert Cliffs, Maryland (Tert.).
- PERGRACILIS, Koenen (*Marginella*), March, 1890. Abhandl. geol.
 Specialkarte Preussen u. Thüring. Staaten, x, Heft 2, Lief. ii,
 548, pl. xxxviii, f. 13a–c, 14a–c (Norddeutsch. Unter-oligoc.
 Moll. Fauna). *Loc.*—Lattorf, etc., N. Germany (Unter-oligoc.).
- PERKEO, Oppenheim (*Marginella*), March, 1901. Palæontographica,
 xlvii, Lief. iv–vi, 223, pl. xxi, f. 11, 11b. *Loc.*—Grancona
 (Priabonian).
- PEROVALIS, Koenen (*Marginella*), 1865. Zeitschr. Deutsch. geol.
 Gesell., xvii, Heft 3, 506 (Fauna Unter-oligoc. Tert. Helmstadt).
 New name for *ovulata*, Beyr., non Lam.
- PHASEOLUS, Brongniart (*Marginella*), 1823. Mém. Terr. Sédiment.
 Sup. Calc.-Trapp. Vicentin, p. 64, pl. ii, f. 21a, b. *Loc.*—Ronca
 and Turin. Var. *minor*, Cristofori & Jan, Sept. 1, 1832. Cat.
 Rer. Nat. in Mus. Exstant., sect. ii, pt. 1, Conch. Foss., p. 14,
 no. 6½. *Loc.*—Castell' Gomberto. A *nomen nudum*.
- PINEA, Bronn (*Volvaria*), 1831. Ital. Tert.-Geb., p. 17 (from
 Ergebn. Nat. Reisen, ii). *Loc.*—Castell' Gomberto, near
 Vicenza.
- planulosa*, Sismonda, ex Bonelli MS. (*Marginella*), 1842. Syn. Meth.
 Anim. Invert. Pedemont. Foss., 1st ed., p. 42. *Loc.*—Turin
 (Mioc.). A *nomen nudum*, as also in 2nd ed., p. 47. I cannot

- discover that this name, though much used in literature, has ever been made valid by any author. If this is the case, it must be superseded by BARRANDEI, H. & A., which is the same species, *vide* Sacco in Moll. Terr. Terz. Piemonte e Liguria, pt. 15, 62.
- PLICATA, I. Lea (*Marginella*), Nov. 1833. Contrib. Geol., p. 178, pl. vi, f. 189. *Loc.*—Claiborne, Alabama (Tert.).
- PLICIFERA, Ihering (*Marginella*), 1897. Rev. Mus. Paulista, ii, 308, text-figs. 19. *Loc.*—Jegua quemada, Patagonia (Tert.). *Type.*—Mus. S. Paulo, Brazil.
- polyptycta*, Cossmann (var.), 1889. See OVULATA, Lam.
- PORBUS, Oppenheim (*Marginella*), 1906. Zeitschr. Deutsch. geol. Gesell., lviii, 88, pl. ix, f. 14a, b (Foss. Côte des Basques). *Loc.*—Côte des Basques, near Biarritz (Blue Marls).
- POSTI, Dall (*Marginella*), Jan. 21, 1915. U.S. Nat. Mus. Bull., no. 90, p. 56, pl. xii, f. 6. *Loc.*—Tampa silex beds, Florida (Oligoc.). *Type.*—U.S. Nat. Mus., no. 165057.
- PRÆGNANS, Oppenheim (*Marginella*), March, 1901. Palæontographica, xlvi, Lief. 4-6, 222, pl. xix, f. 12, 12a, b. *Loc.*—Via degli Orti (Priabonian). *Types.*—K. Mus. für Naturk. and Coll. Oppenheim. This is the "*M. crassula*, Desh.", of Vinassa de Regny in Palæontogr. Ital., iii, 94.
- PRÆNOMINATA, Cossmann (*Marginella*), April, 1903. Rev. Crit. Paléozool., 1903, no. 2, p. 128. New name for *elevata*, Cossm., *non* Emmons.
- PRECURSOR, Dall (*Marginella*), Aug. 1890. Trans. Wagn. Free Inst. Sci. Philad., iii, pt. 1, 47, pl. v, f. 4 (Contrib. Tert. Fauna Florida). *Loc.*—Caloosahatchie beds, Florida (Plioc.). *Type.*—U.S. Nat. Mus.
- PROPECYLINDRICA, Gregorio (*Marginella* (*Glabella* ∞ *Cryptospira*)), Nov. 1880. Fauna S. Giov. Ilarione, fasc. i, 73, pl. i, f. 29. *Loc.*—S. Giovanni Ilarione (Parisian). *Type.*—Coll. Gregorio.
- PROPINQUA, Tate (*Marginella*), 1878. Trans. Phil. Soc. Adelaide, S.A., for 1877-8, p. 94 (Foss. Marg. Australia). *Loc.*—Muddy Creek, Victoria; R. Murray cliffs (Mioc.).
- PSEUDOVOULATA, Oppenheim (*Marginella*), 1896. Zeitschr. Deutsch. geol. Gesell., xlvi, Heft 1, 75, pl. iii, f. 8 (Alttert. Colli Berici Venet.). *Loc.*—(?) Zovencedo (Eoc.).
- PUSILLA, Edwards (*Marginella*), 1854. Monogr. Eoc. Moll. (Palæont. Soc.), pt. iii, p. 143, pl. xviii, f. 6a-c. *Loc.*—Highcliff sands; Headon Hill. *Type.*—Coll. Edwards in Brit. Mus. (Highcliff). The Headon Hill shell was subsequently recognized as a separate species and named *ÆSTUARINA*, Edw.
- pysum*, Brocchi(?) (*Marginella*). *Voluta pysum*, Brocchi, is thus quoted by Borson in Mem. R. Accad. Sci. Torino, xxv, 1820, 208. Brocchi's figure, Conch. Foss. Subapenn., ii, 642, pl. xv, f. 10, is evidently a *Ringicula* and = *R. auriculata*, Mén., *vide* Sacco.
- quadruplicata*, Böse (var.), 1906. See CINDERACEA, Dall.
- QUADRUPPLICATA, Brown (Allan) (*Voluta*), 1818. Trans. Roy. Soc. Edinburgh, viii, 461, pl. ix, f. 14. *Loc.*—"Found amongst gravel heaps formed by the detritus of the primitive rocks of

the Alps," near Nice. This species, with numerous others, is described in an appendix to a paper by Thomas Allan, entitled "Sketch of the Geology of the Environs of Nice". The appendix is stated to be the work of T. Brown. Risso, Hist. Nat. Eur. Mérid., iv, 233, states that his *Volvaria quadruplicata* is not the same as Allan's shell. The figure of the latter shows a Marginellid of the same character as *clandestina*, Broc.

QUÉMADENSIS, Ihering (*Marginella*), 1897. Rev. Mus. Paulista, ii, 307, pl. iii, f. 9; pl. iv, f. 14 (Moll. Terr. Patagonia). *Loc.*—Jegua quemada, Patagonia (Tert.). *Type.*—Mus. S. Paulo, Brazil.

quinquiesplicata, Oppenheim (*Marginella*), 1896. Zeitschr. Deutsch. geol. Gesell., xlviii, Heft 1, 118, pl. iv, f. 4. *Loc.*—Grancona (Tert.). = OPPENHEIMI, COSSMANN.

raquizi, Preston, ex COSSMANN (*Marginella*). Error in Zool. Record for 1908, p. 85, for VAQUEZI, COSSMANN.

REMBANGENSIS, K. Martin (*Marginella*), 1906. Samml. Geol. Reichs-Mus. Leiden, n.ser., i, Heft 10, 299, pl. xliii, f. 713 (Foss. Java). *Loc.*—Pamotan (Tert.). *Type.*—Rijks Geol.-Mineral. Mus., Leiden.

REUSSI, K. Martin (*Marginella*), 1879. Tertiärschicht. auf Java, p. 25, pl. xiv, f. 3. *Loc.*—Java. *Type.*—Rijks Geol.-Mineral. Mus., Leiden.

SABATICA, Sacco, ex Bellardi MS. (*Marginella (Persicula)*), 1890. Mem. R. Accad. Sci. Torino, ser. II, xl, 322, pl. ii, f. 19 (Moll. Terr. Terz. Piemonte e Liguria, pt. 6). *Loc.*—Savona, Fornaca (Plioc. Inf.). *Type.*—Coll. Mus. Geol., Torino.

SANGIRANENSIS, K. Martin (*Marginella (Cryptospira)*), 1906. Samml. Geol. Reichs-Mus. Leiden, n.ser., i, Heft 10, 301, pl. xliii, f. 716. *Loc.*—Kali Tjemoro, Java. *Type.*—Rijks Geol.-Mineral. Mus., Leiden.

SANURENSIS, Oppenheim (*Marginella (Stazzania)*), Oct. 1906. Palæontographica, xxx, Abt. iii, Lief. ii, 335, pl. xxiv, f. 14a, b (Kenntn. alttert. Faunen Ägypt.). *Loc.*—Wadi Sanur (Ob. Mokattam-Stufe). *Type.*—"Berlin Sammlung."

SCHMIDTI, Olsson (*Marginella*), July 24, 1916. Bull. Amer. Paleont., v, no. 27, p. 130 (10), pl. ii, f. 13. *Loc.*—Duplin formation, Natural Well, N. Carolina (Mioc.).

SEGUENZE, Tomlin (*Marginella*), 1918. New name here proposed for *ovulæformis*, Seg. (1880), non *ovuliformis*, Orb. (1842).

SEMEN, I. Lea (*Marginella*), Nov. 1833. Contrib. Geol., p. 178, pl. vi, f. 190. *Loc.*—Claiborne, Alabama (Tert.). This is the shell figured by Conrad in Amer. Journ. Conch., vi, pl. iii, without a number, in the left-hand corner of the plate.

semenoides, Gabb (*Erato*), Dec. 1860. Journ. Acad. Nat. Sci. Philad., n.ser., iv, pt. 4, 383, pl. lxvii, f. 49. *Loc.*—Caldwell County and Wheelock, Texas (Tert.). = SEMEN, I. Lea, *vide* Heilprin in Proc. Acad. Nat. Sci. Philad., 1890, p. 397.

septemplicata, Risso (*Volvaria*), 1826. Hist. Nat. Eur. Mérid., iv, 234. *Loc.*—S. Europe ("se trouve subfossile").